

COVID-19 WEEKLY UPDATE

Thurston County



Time Period Covered: March 11, 2020 – October 10, 2021

Background

COVID-19 is an illness caused by the SARS-CoV-2 virus first identified in December 2019. Infection with the virus can cause severe illness and death. Treatment is largely supportive although in specific cases steroids, remdesivir an antiviral agent, and antibody therapy may have benefit. Mitigation measures including avoiding large gatherings, wearing masks in public spaces, maintaining a distance of 6 feet or more from non-household members, staying home when sick, respiratory etiquette, and hand hygiene have been helpful in slowing the spread of this disease. Immunity among those who have had COVID-19 is not yet understood. Three vaccines have been approved for use in the United States with several more in clinical trials.

Summary

The first person diagnosed (confirmed) with COVID-19 was reported for Thurston County on 3/11/2020. A person is diagnosed with COVID-19 if they have tested positive for the illness.

- As of 10/10/2021, a total of 18,849 Thurston County residents had been diagnosed with COVID-19 and 204 residents had died from health issues related to COVID-19.
- Among county residents who were ever hospitalized and whose underlying condition were known, 75% had an underlying condition. Among the 204 county residents who died from COVID-19 whose underlying condition status is known, 100% had an underlying condition.

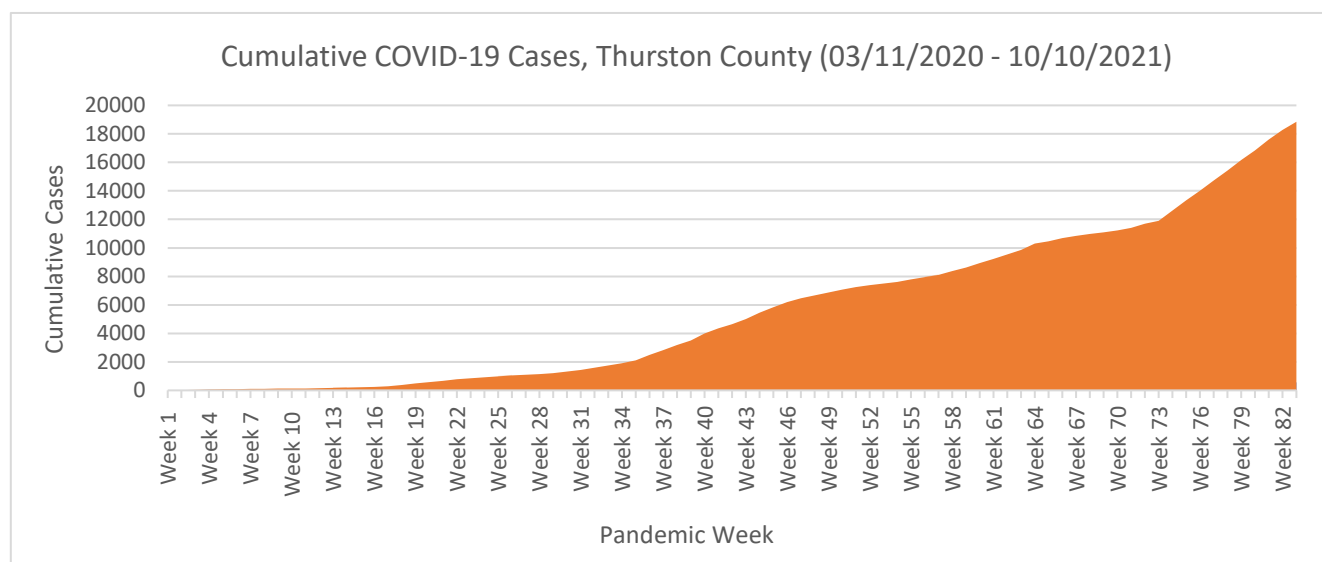
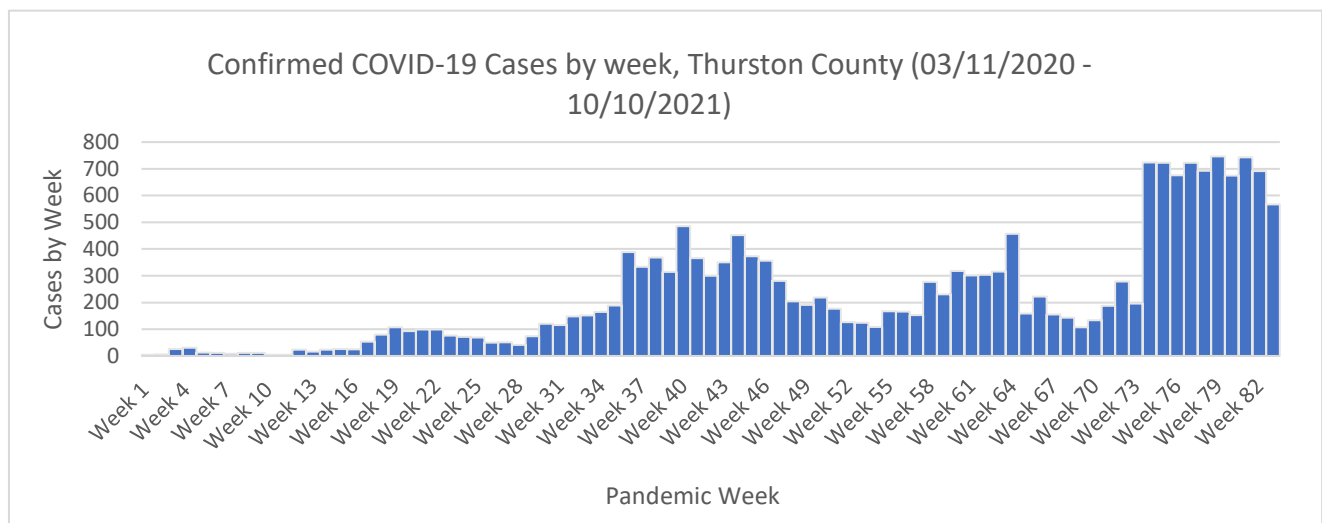
	Description	Past 7 Days	Total (cumulative)
Data current as of 09/14/2021	Seven-Day Percentage of Positive COVID-19 Tests (Date range: 08/24/2021 – 08/30/2021)	25.2%	N/A
Data current as of 09/16/2021	Total number of COVID-19 Tests (Date range: 03/11/2020 - 09/16/2021)	N/A	254,159
Data current as of 10/10/2021	Diagnosed with COVID-19 (confirmed/positive test)	567 residents	18,849 residents
	Hospitalized (Ever)	8	1,205
	Deaths	13 residents	204 residents
	COVID-19 Facility Outbreaks	0	12 ongoing (88 total)

Weekly

- The highest number of confirmed cases in a single week, occurred week 79 with 746 residents diagnosed with COVID-19.
- The current Thurston County 14-day total for newly diagnosed COVID-19 cases is 1,259, which combines Weeks 82 and 83.

Week (Monday-Sunday)	Total Diagnosed in Week	Total Breakthrough Cases in Week	Running Total Diagnosed (cumulative)	Running Total Breakthrough (cumulative)
Week 82 (9/27/2021 – 10-03/2021)	692	182	18,282	1,308
Week 83 (10/04/2021 – 10/10/2021)	567	24	18,849	1,332

- The first graph below depicts confirmed cases per week since the first case was recorded in Thurston County on 03/11/2020 and is current to 10/10/2021.
- The second graph shows the running total or cumulative cases in the county current to 10/10/2021.

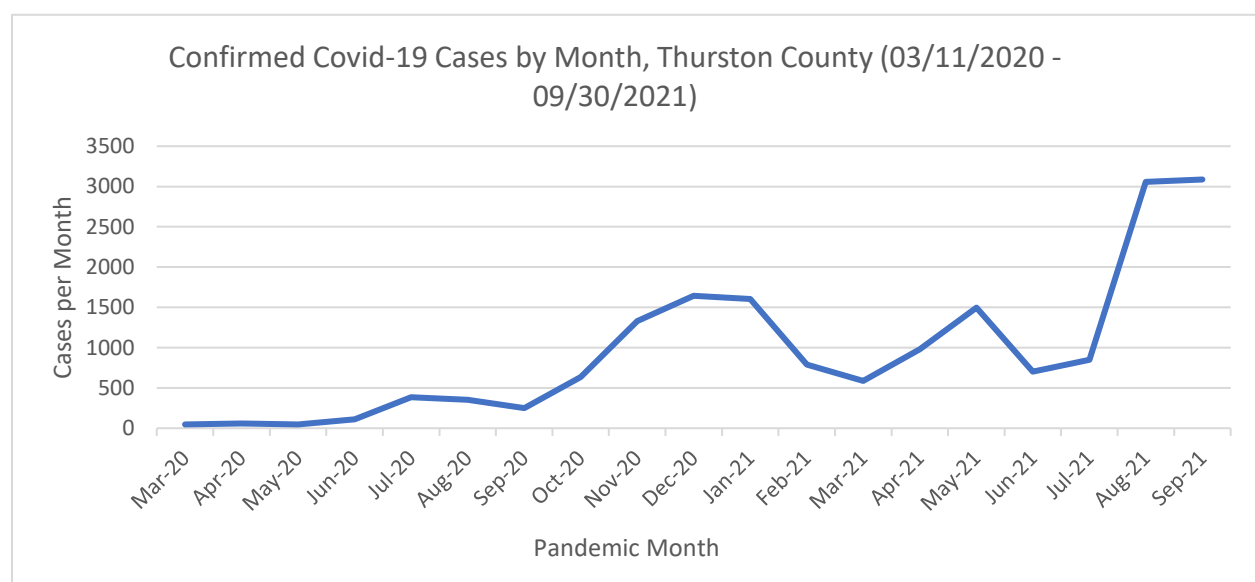


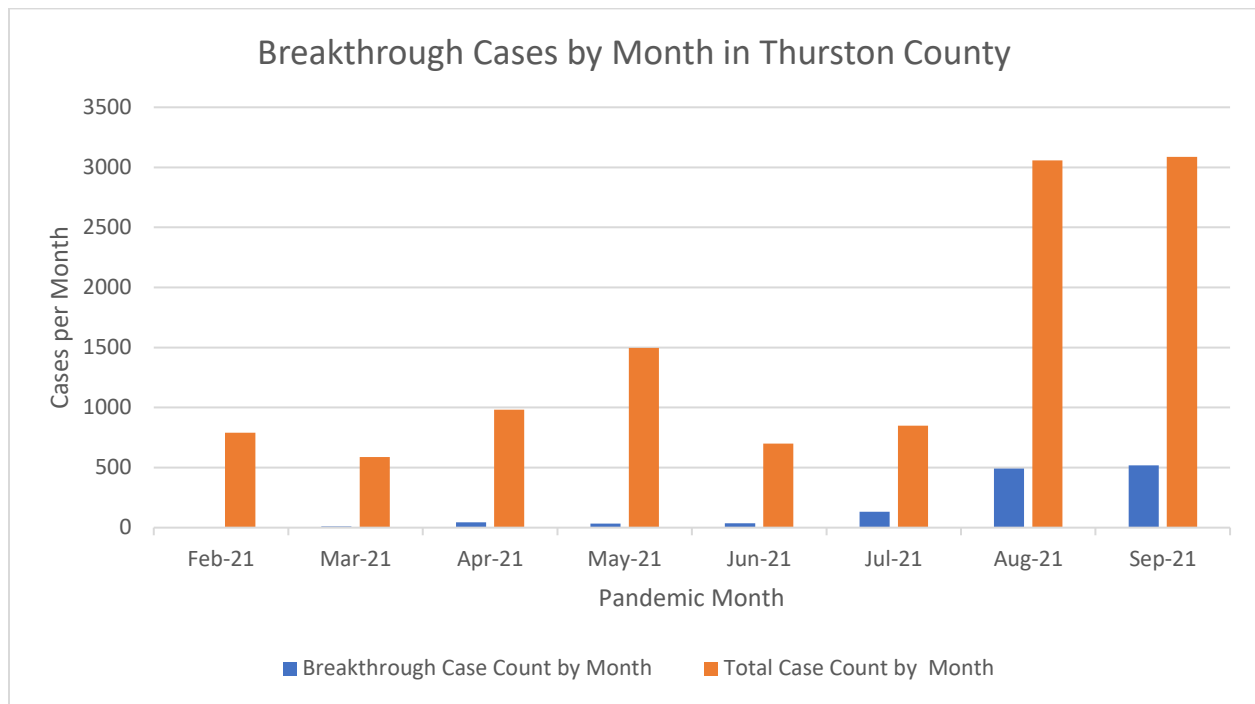
Monthly

- The highest number of confirmed cases in a single month, occurred in September 2021 with 3,087 residents diagnosed with COVID-19 and counting.

Month	Total Diagnosed in Month	Total Breakthrough Cases in Month*	Running Total Diagnosed (cumulative)	Running Total Breakthrough (cumulative)
March 2020	48	N/A	48	N/A
April 2020	59	N/A	107	N/A
May 2020	47	N/A	154	N/A
June 2020	109	N/A	263	N/A
July 2020	386	N/A	649	N/A
August 2020	352	N/A	1,001	N/A
September 2020	251	N/A	1,252	N/A
October 2020	633	N/A	1,885	N/A
November 2020	1,331	N/A	3,216	N/A
December 2020	1,645	N/A	4,861	N/A
January 2021	1,605	N/A	6,466	N/A
February 2021	791	2	7,257	2
March 2021	589	10	7,846	12
April 2021	981	44	8,827	56
May 2021	1,497	34	10,324	90
June 2021	701	36	11,025	126
July 2021	849	133	11,874	259
August 2021	3,057	491	14,931	750
September 2021	3,087	520	18,018	1,270
October 2021 (Month not Complete)	831	62	18,849	1,332

*Please note that breakthrough case totals are subject to change as additional data is confirmed.





Outbreaks

The following summary provides details about COVID-19 outbreaks in congregate care setting in Thurston County. Outbreaks can involve county residents and individuals who are not from Thurston County.

- As of 10/10/21, there are:
 - 12 COVID-19 congregate care outbreaks are currently under investigation in Thurston County:
 - 2 in adult family home facilities
 - 4 in assisted living facility
 - 1 in congregate housing facility
 - 5 in nursing facility
 - 88 total COVID-19 facility outbreaks have occurred in Thurston County since March 2020

Facility Name	Cases in Staff	Cases in Residents	Total Cases	Deaths
Adult Family Home (15)	0	1	1	0
Adult Family Home (16)	3	5	8	0
Assisted Living (11)	9	21	30	2
Assisted Living (12)	5	4	9	1
Assisted Living (13)	6	5	11	2
Assisted Living (17)	2	2	4	0
Congregate Housing (4)	0	6	6	0
Nursing Facility (10)	20	17	37	2
Nursing Facility (13)	4	1	5	0
Nursing Facility (14)	15	58	73	16

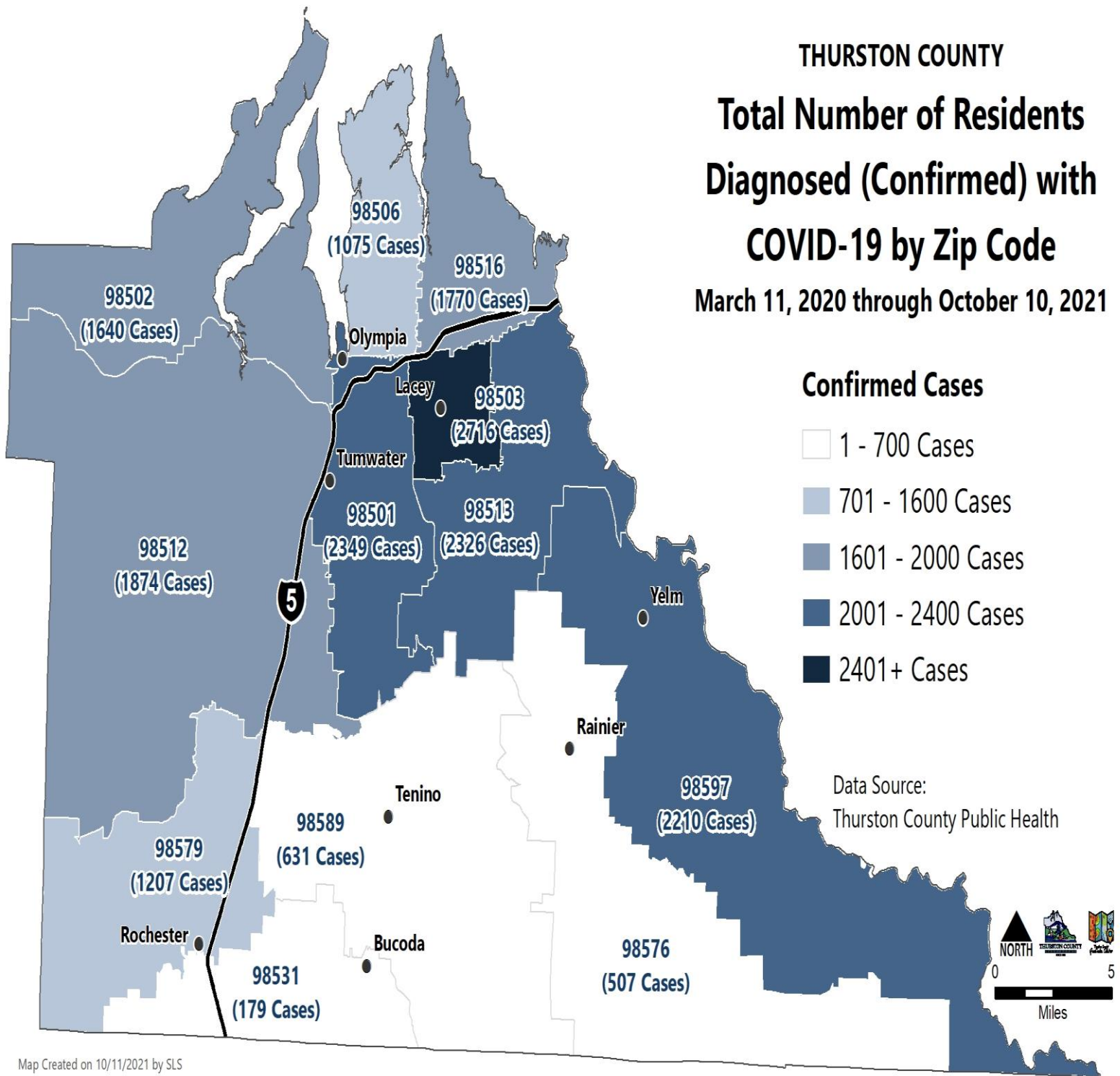
Nursing Facility (15)	4	0	4	0
Nursing Facility (16)	6	1	7	0
	74	121	195	23

Geography

The majority of Thurston County residents live in unincorporated areas of the county, meaning they live outside of city or town limits. Zip codes provide a way to view county data by a geography that includes both cities/towns and unincorporated areas.

- The Thurston County Public Health and Social Services Department does consider the county to be experiencing community spread. Community spread means we are seeing some county residents diagnosed with COVID-19 and cannot identify how or where they became infected with the illness.
- Residents from across Thurston County have been diagnosed with COVID-19.
 - The zip codes that have seen an increase in number of confirmed cases since last week are:
 - 98501
 - 98502
 - 98503
 - 98506
 - 98512
 - 98513
 - 98516
 - 98531
 - 98576
 - 98579
 - 98589
 - 98597

THURSTON COUNTY
Total Number of Residents
Diagnosed (Confirmed) with
COVID-19 by Zip Code
March 11, 2020 through October 10, 2021

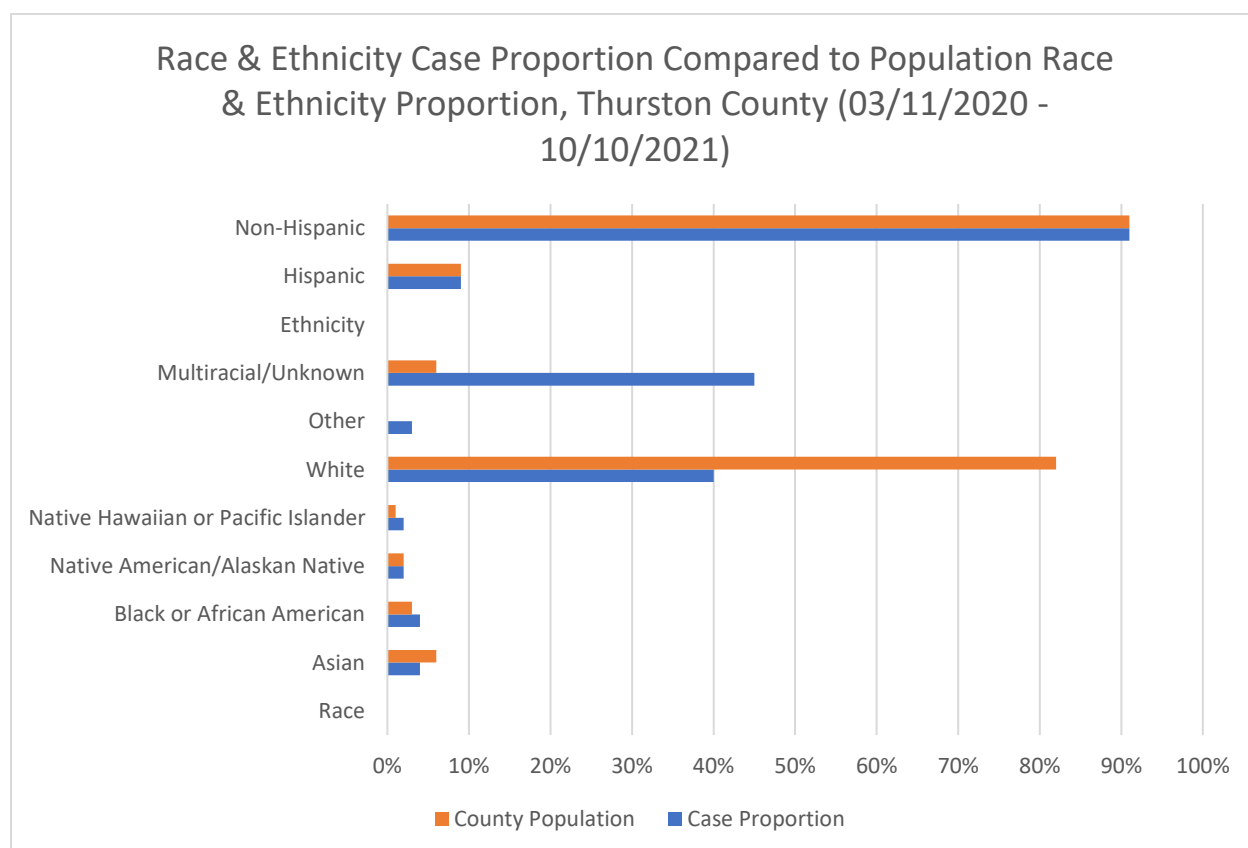


Race and Ethnicity

The main purpose of collecting data from individuals diagnosed with COVID-19 is to conduct a disease investigation that prevents further spread of the illness. Local disease investigations focus on identifying how an individual was exposed to COVID-19 and who they came into close contact with after being infected with COVID-19. Data on race and ethnicity are not connected to the spread of COVID-19 and may not be collected in every case.

- Thurston County residents who identify as Black or African American and Native Hawaiian or Pacific Islander are over-represented as a percent of COVID-19 confirmed cases when compared to the county's total population.

Thurston County As of 10/10/2021	Percent of Residents Diagnosed with COVID-19	Percent of Total County Population
Race		
Asian	4%	7%
Black or African American	4%	3%
Native American/Alaskan Native	2%	2%
Native Hawaiian or Pacific Islander	2%	1%
White	40%	81%
Other	3%	Not available
Multiracial/Unknown	45%	6%
Ethnicity		
Hispanic	9%	9%
Non-Hispanic	91%	91%



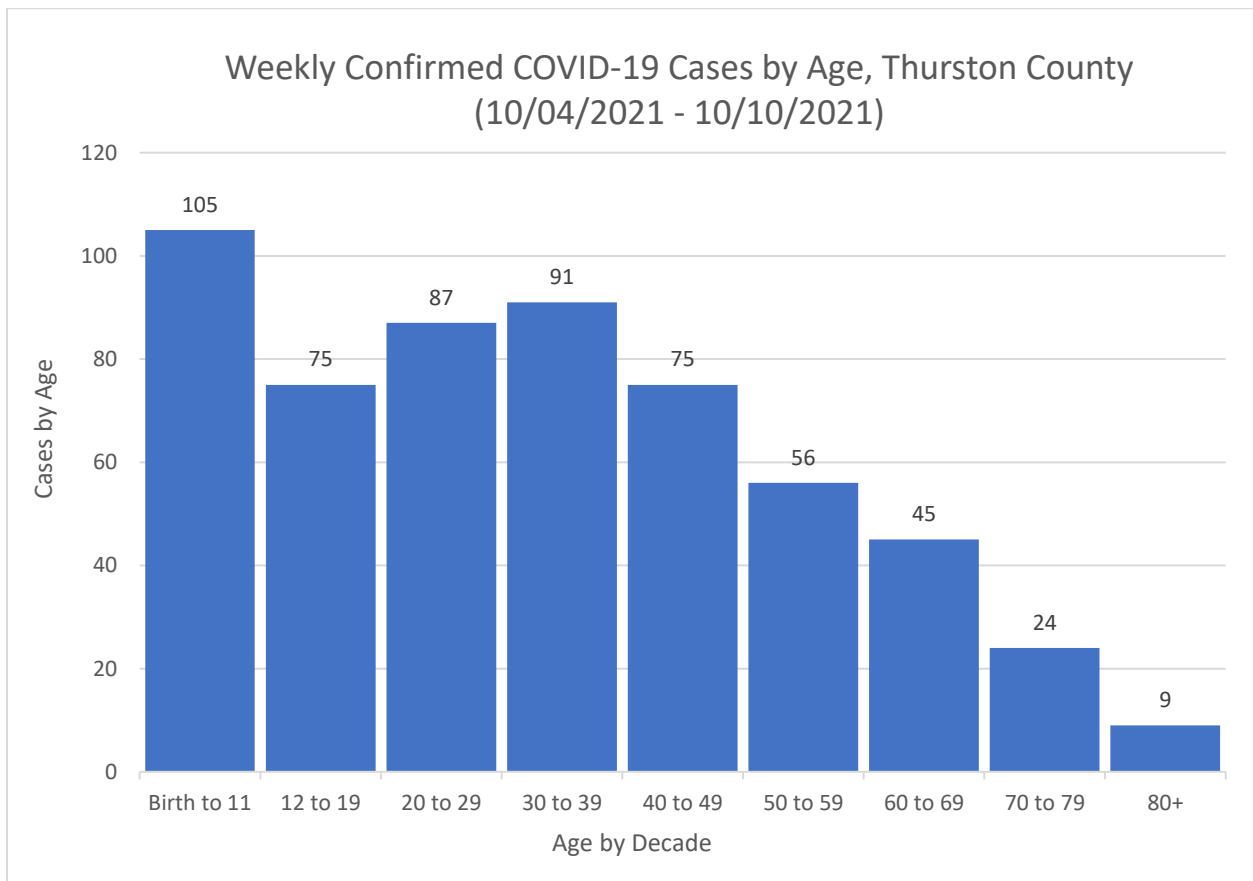
Age Weekly

The weekly age of Thurston County residents diagnosed with COVID-19 has shifted toward younger age groups.

10/04/21 to 10/10/21	Weekly Confirmed Cases by Age Group	
Birth to 11	19%	105 cases
12-19	13%	75 cases
20-29	15%	87 cases
30-39	16%	91 cases
40-49	13%	75 cases
50-59	10%	56 cases
60-69	8%	45 cases
70-79	4%	24 cases
80 and Older	2%	9 cases
Unknown	0%	0 cases

Unknown: Information unavailable at time of report.

Note: Percent may not add to total due to rounding.



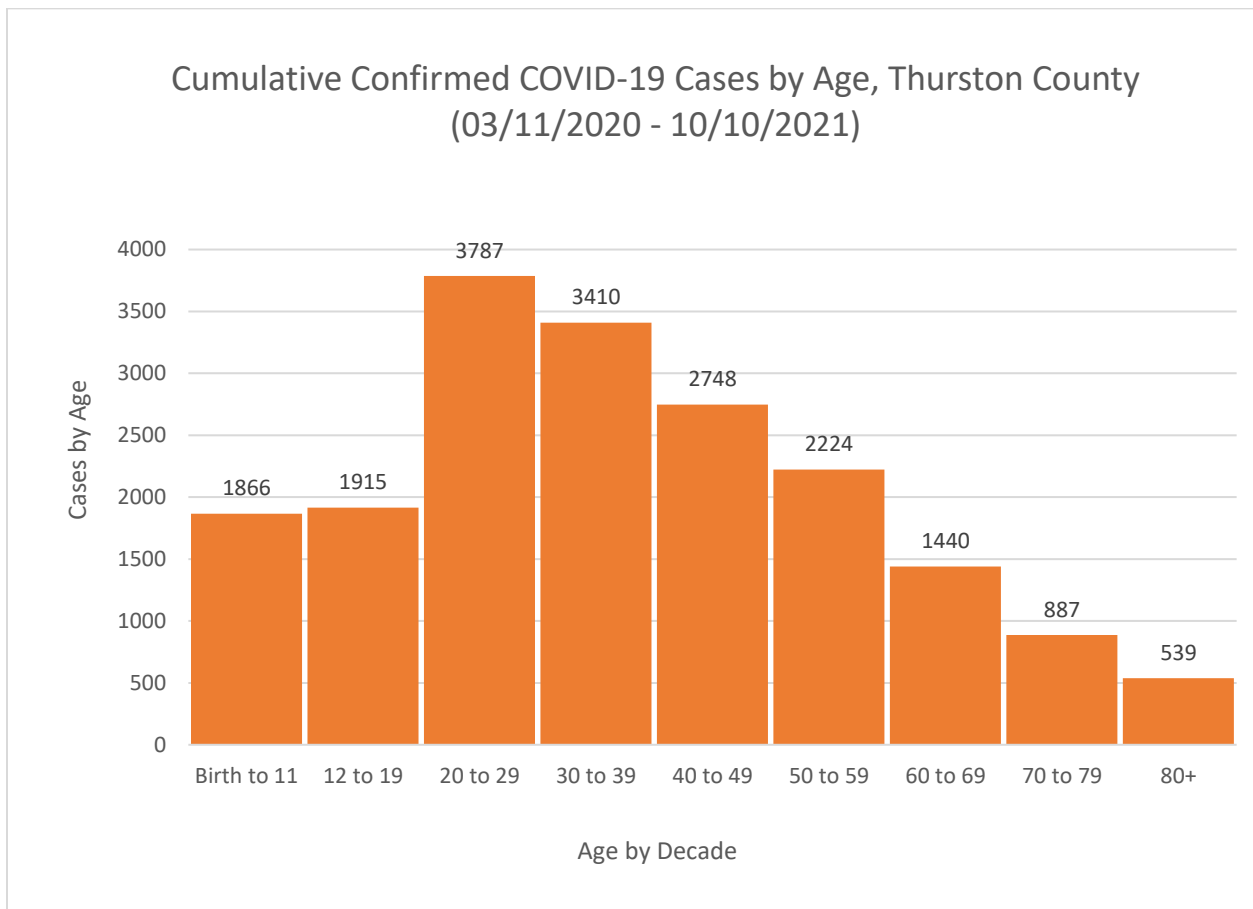
Age Cumulative

The cumulative age of Thurston County residents diagnosed with COVID-19 has shifted toward younger age groups.

As of 10/10/21	Total Confirmed Cases by Age Group	
Birth to 11	10%	1866 cases
12-19	10%	1915 cases
20-29	20%	3787 cases
30-39	18%	3410 cases
40-49	15%	2748 cases
50-59	12%	2224 cases
60-69	8%	1440 cases
70-79	5%	887 cases
80 and Older	3%	539 cases
Unknown	0%	33 cases

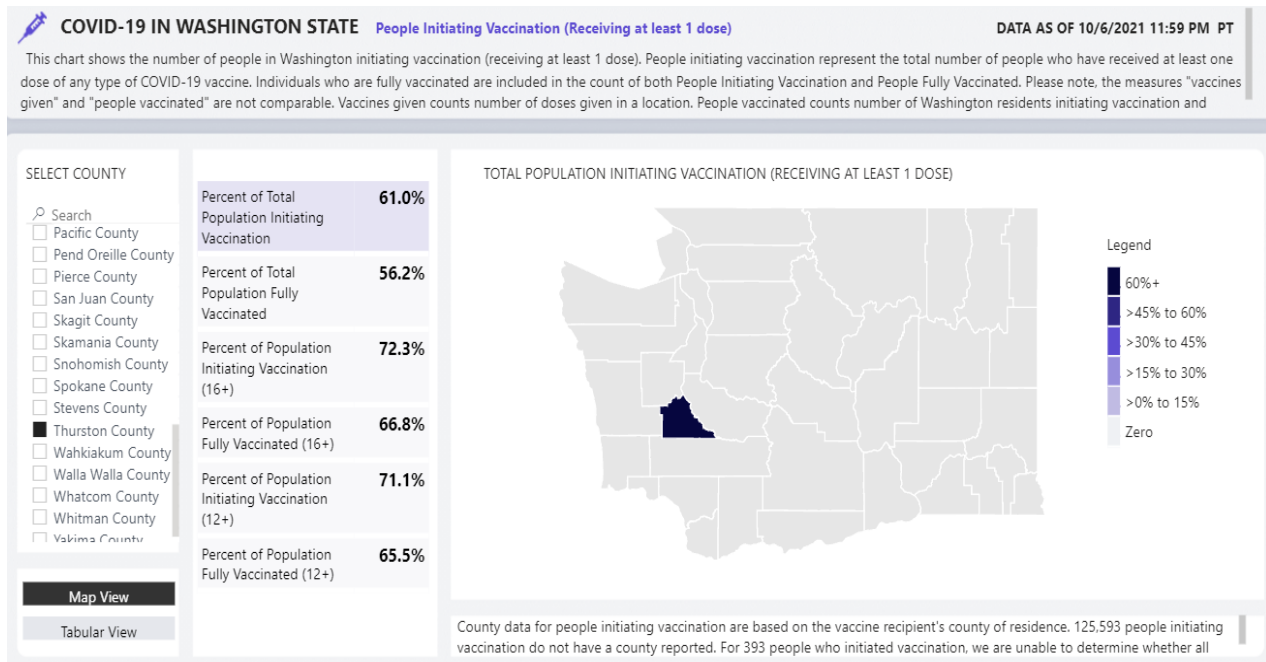
Unknown: Information unavailable at time of report.

Note: Percent may not add to total due to rounding.



COVID-19 Vaccination Summary

The first person who received a COVID-19 vaccine in Thurston County was on 12/15/2020. Residents initiating vaccination have received at least one dose. A person is fully vaccinated two weeks after their second dose in a 2-dose series, such as Pfizer or Moderna or two weeks after a single-dose vaccine, such as Johnson & Johnson (Janssen).



Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

Department of Defense COVID-19 Vaccination Data specific to Thurston County

The Department of Defense (DoD) provides Thurston County with weekly updates of COVID-19 vaccinations. However, the federal government receives data from the Department of Defense (DoD), Veterans Affairs (VA), Bureau of Prisons, and potentially a few other sources that don't get automatically funneled to DOH state totals.

	Description	Total Vaccinations (cumulative)	Percent of Total Thurston County Population
Data current as of 10/12/2021	DoD Residents Initiating Vaccination	13,263	4.56%
Data current as of 10/12/2021	DoD Fully Vaccinated Residents	12,282	4.22%

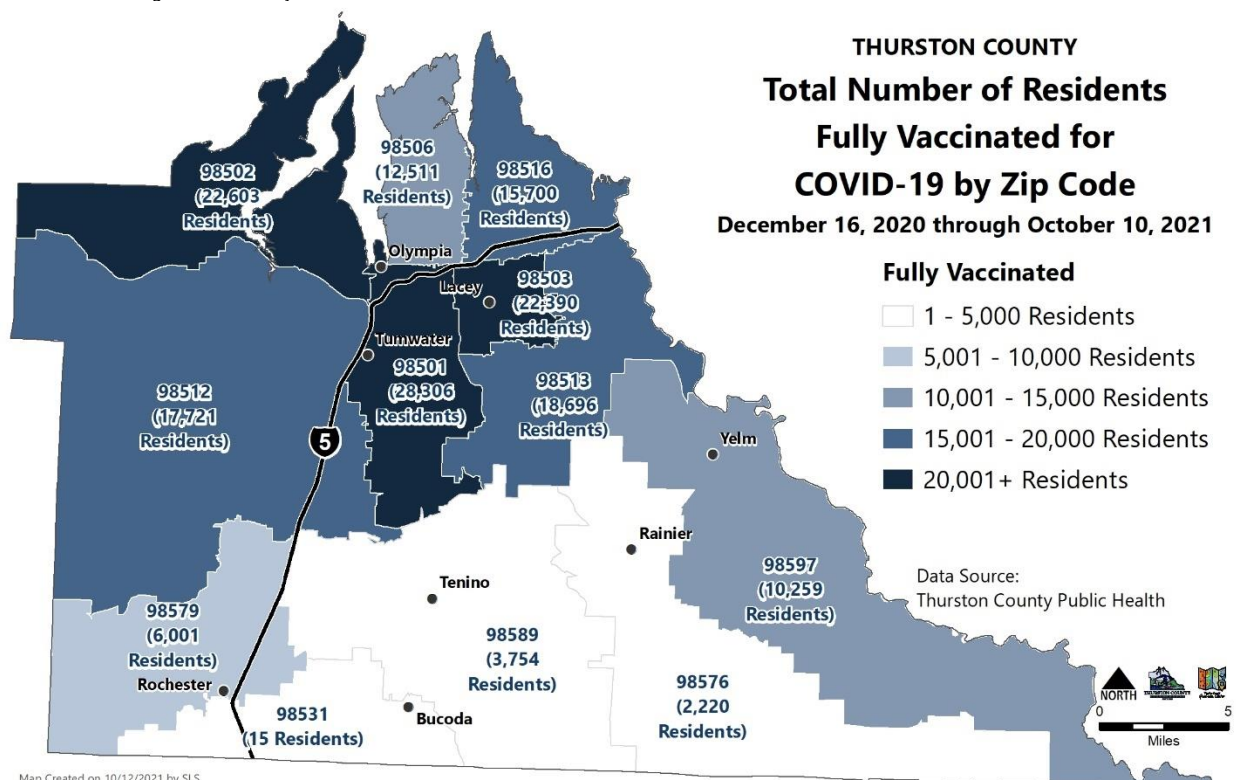
Figures not found in the Washington State Immunization Information System. These figures are not included in the COVID-19 Vaccination Summary Table Above. The percentages in this table are in addition to the total population percentages in the COVID-19 Vaccination Summary table

COVID-19 Vaccination by Geography

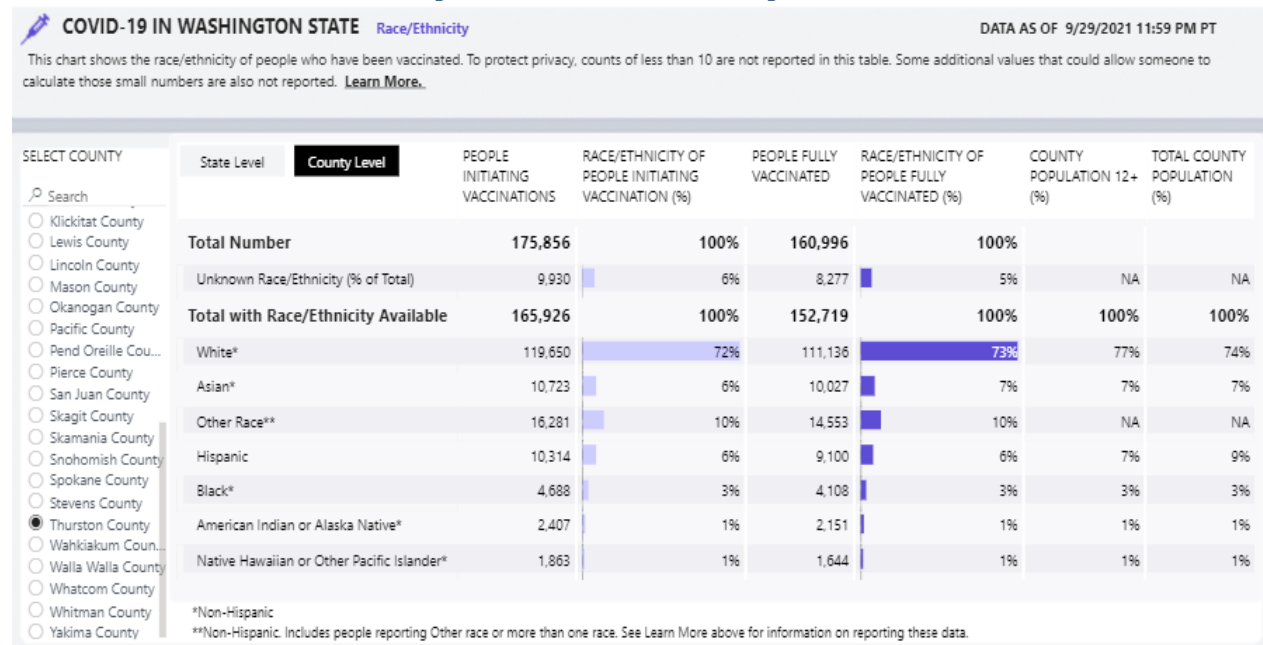
Most Thurston County residents live in unincorporated areas of the county, meaning they live outside of city or town limits. Zip codes provide a way to view county data by geography that includes both cities/towns and unincorporated areas.

Thurston County As of 10/10/21	Residents Initiating Vaccination	Percent of Residents Initiating Vaccination	Fully Vaccinated Residents	Percent of Fully Vaccinated Residents	Total Population by Zip Code
Zip Code					
98501	30,321	69%	28,306	64%	44,208
98502	24,357	71%	22,603	66%	34,189
98503	24,406	61%	22,390	56%	40,045
98506	13,427	68%	12,511	63%	19,711
98512	19,142	58%	17,721	54%	33,053
98513	20,273	56%	18,696	51%	36,450
98516	17,066	61%	15,700	56%	27,792
98531	15	1%	15	1%	2,628
98576	2,425	45%	2,220	41%	5,394
98579	6,569	48%	6,001	44%	13,554
98589	4,086	49%	3,754	45%	8,265
98597	11,410	44%	10,259	40%	25,711
Unknown	4,713	Not Available	4,332	Not Available	Not Available

Unknown: Information unavailable at time of report. Note: Percent may not add to total due to rounding. *Figures are not released for zip codes with less than 10 people being vaccinated. Data Source: Zip code data is from the Washington State Office of Financial Management [Washington State Geospatial Open Data Portal](#) : SAEP ZIP Code Tabulation Areas : SAEP ZIP Code Tabulation Areas website. Thurston County Public Health and Social Services (PHSS) has calculated these figures based on data provided by the Washington State Department of Health (DOH). DOH data is unable to incorporate COVID-19 vaccination data from the Department of Defense (DoD), Veterans Affairs (VA), Bureau of Prisons and potentially a few other sources that don't get automatically funneled to DOH state totals.

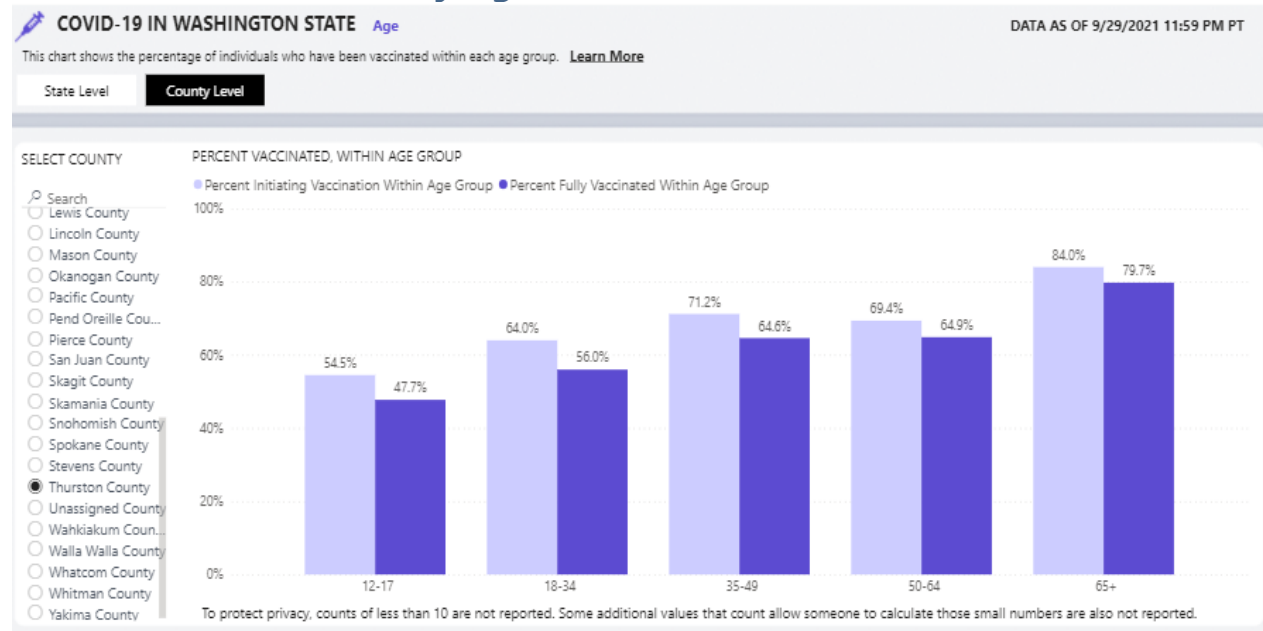


COVID-19 Vaccination by Race and Ethnicity



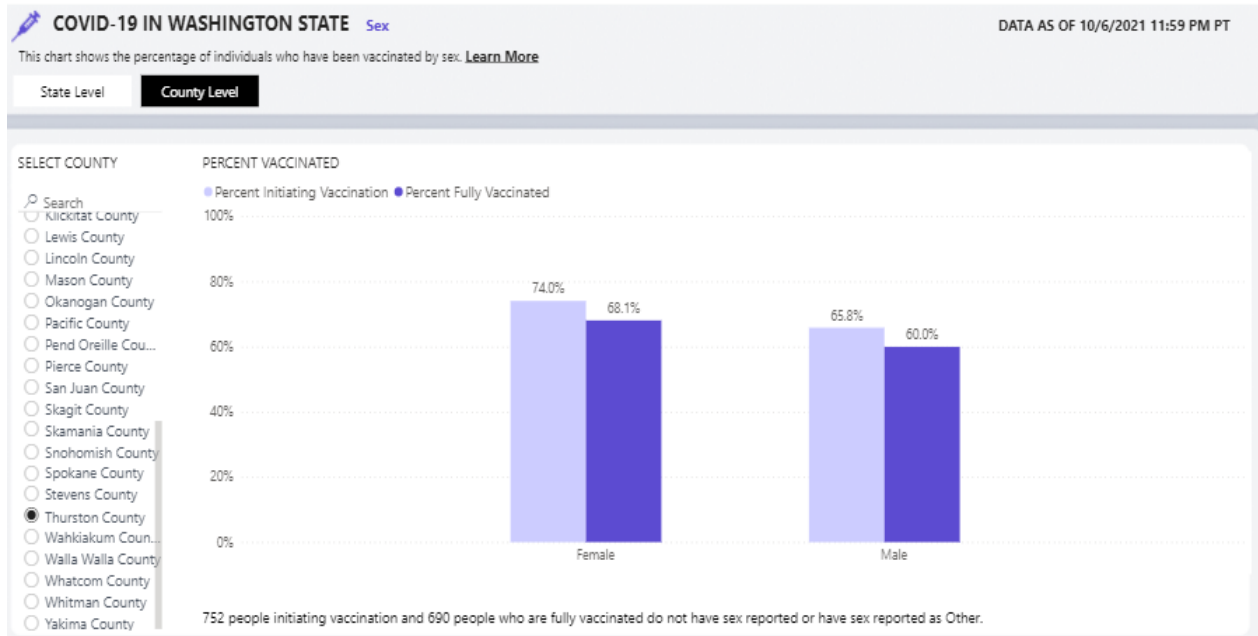
Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

COVID-19 Vaccination by Age



Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

COVID-19 Vaccination by Sex



Data Source: Washington State Department of Health [COVID-19 Data Dashboard](#).

Data Sources

- Laboratory test data are from the Washington State Department of Health (DOH) [2019 Novel Coronavirus Outbreak \(COVID-19\)](#) website and the [Washington State Coronavirus Response \(COVID-19\) Risk Assessment Dashboard](#) website.
- Diagnosed (Confirmed) with COVID-19 Cases, Hospitalizations, Deaths, Underlying Condition, Facility Outbreaks, Age, Race and Ethnicity data are from the Thurston County Public Health and Social Services Department, Division of Disease Control and Prevention.
- County population data are 2020 estimates for residents of all ages from the [Washington State Office of Financial Management](#) website.
- Total number of Vaccine Doses Given data is from the Washington State Department of Health (DOH) [2019 Novel Coronavirus Outbreak \(COVID-19\)](#) website.
- Geography data is from the Thurston County Public Health and Social Services Department.
- Percent of Fully Vaccinated Residents of each zip code data is from the Washington State Office of Financial Management [Washington State Geospatial Open Data Portal : SAEP ZIP Code Tabulation Areas : SAEP ZIP Code Tabulation Areas](#) website.

Definitions

- Resident:
 - An individual is counted as a resident if they live within the geographic boundaries of Thurston County. People whose permanent residence or address of record is located in Thurston County would be included.
- Diagnosed with COVID-19 (Confirmed):
 - An individual is counted as diagnosed with COVID-19, also called a confirmed case, if they had a laboratory (viral) test for COVID-19 and the test was positive for the illness.
- Recovered/Recovering:
 - An individual diagnosed with COVID-19 is counted as recovered, if they are not hospitalized, and have been released from public health isolation. Individuals who recover from the symptoms of COVID-19 may have ongoing health problems or health problems in the future as a result of the illness.
- Hospitalized:
 - An individual is counted as hospitalized if they were hospitalized at any time starting from the day diagnosed with COVID-19 to the day they were released from public health isolation. Individuals who die due to COVID-19 are included in the count, if they were hospitalized while being monitored by Public Health.
- Deaths:
 - An individual is counted as a COVID-19 death if they were diagnosed with COVID-19 and died due to health complications related to the illness.
- Underlying Condition:
 - An individual is counted as having an underlying condition if, at the time of public health monitoring, a condition was identified through self-report by the individual, interviews, health care providers or medical records. Examples of underlying conditions of concern for COVID-19 are heart disease, diabetes, chronic lung disease, asthma, chronic liver disease and cancer.
- Congregate Care Setting:
 - Includes licensed facilities, such as nursing homes, assisted living, adult family homes, childcare centers, schools, homeless shelters, jail, detention and other similar group care or placement settings.
- Public Health Isolation:
 - Isolation means an individual was ill and required to separate themselves from other people to prevent the possible spread of COVID-19 by order of the Thurston County

Health Officer. Upon release from isolation, Public Health provides guidance on the current public health actions that should be followed for all residents (e.g. staying home, physical distancing when away from home, handwashing). Public health isolation can last 14 or more days and includes special requirements for health care workers/first responders.

- Outbreak:
 - An outbreak in long-term care facility is defined as:
 - Greater than or equal to 1 long-term care facilities and agencies-acquired COVID-19 infection in a resident, OR
 - Greater than or equal to 2 COVID-19 infections in health care workers who were on-site in the long-term care facility or agency at any time during their infectious period OR during their exposure period and has no other known or more likely exposure source.
 - An outbreak in a non-health care facility is defined as:
 - Two or more confirmed or probable COVID-19 cases with at least one case classified as confirmed, AND
 - At least two of the cases have symptom onset dates within 14 days of each other, AND
 - Plausible epidemiological evidence of transmission in a shared location other than a household is observed.
- Race:
 - Race means the racial group or groups an individual says best describe them. Officially recognized racial groups include Asian, Black/African American, Native American (American Indian/Alaska Native), Native Hawaiian or other Pacific Islander and White.
 - If an individual identifies as being of two or more racial groups, they are included in the Multiracial group.
 - Individuals can choose Other as a racial group.
- Ethnicity:
 - Hispanic is defined as an ethnicity and refers to an individual's culture or origin. An individual is described as either Hispanic or Non-Hispanic and can be of any race.
- Initiated Vaccination:
 - Residents initiating vaccination have received at least one dose.
- Fully Vaccinated:
 - A person is fully vaccinated two weeks after their second dose in a 2-dose series, such as Pfizer or Moderna or two weeks after a single-dose vaccine, such as Johnson & Johnson (Janssen).
- Breakthrough Case:
 - Vaccine breakthrough occurs when someone gets sick with a disease they are fully vaccinated against. For the COVID-19 vaccine, this means someone tests positive for COVID-19 two weeks or more after receiving the full series of an authorized COVID-19 vaccine.

Contact Information

For additional data or more information about COVID-19 contact:

Thurston County Public Health and Social Services Department

- Phone: 360-867-2500
- WA Relay: 711 or 800-833-6338
- COVID-19 Website: <http://bit.ly/ThurstonCOVID-19>